User's Guide

Free and Total Chlorine Meter
6742

CE

Introduction:

We thank you for purchasing 6742 pocket free and total chlorine meter

Before using the instrument, please note that the operation instructions should be read carefully, which will help you to operate and maintain the instrument, as well as to avoid trouble caused by unsuitable operation and maintenance.

6742 pocket meter employ leading edge technology with integrated microprocessor, which is suitable for measurement in water solutions for institutes, industrial labs and production fields.

The information presented in this manual is subject to change without notice as improvements are made.

Features:

1. Microprocessor based for fast and accurate measurements.
2. Large LCD display
3. EPA approved DPD method.
4. Low battery alarm and auto shut off after 10 minutes of non use.

Specifications:

FCL and TCL	
Range	0 ~ 3.50 ppm
Resolution	0.01 ppm
Accuracy	± 0.05 + 1 digit at＜2.00 ppm ± 5% FS + 1 digit at＞2.00 ppm
Response	＜5 seconds
Operating	0 ~ 50 ℃, ＜85% RH
Sample	5 ml
Power	DC 1.5V (UM4, AAA) battery x 4
Dimension	Meter: 42 x 33 x 183 mm
Weight	Meter: 168 g(including battery)

Accessories:

Upon receiving the shipment, please inspect the container and equipment for any signs of damage. Please verify that you have received the corresponding accessories as below:

FCL Reagent strip x 100 pcs (DPD-1) for free chlorine

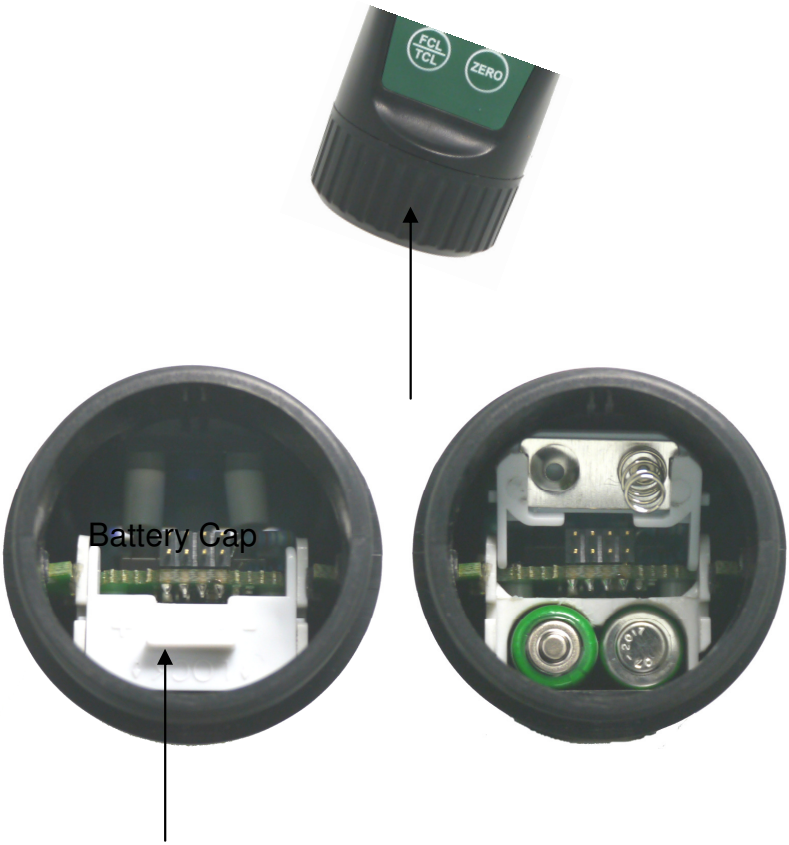
TCL Reagent strip x 100 pcs (DPD-4) for total chlorine

Cup
Battery
Carrying case

Battery change:

1. Please loosen the collar, and remove the bottom cap

2. Lift the battery cap to open it.
3. Please mind the polarity of the batteries when install them into the meter.



<FCL and TCL>

1. Take one FCL (DPD-1) or TCL (DPD-4) reagent strip from the bottle.
2. Press “Power/Cal” key to turn the meter on.
3. Press and hold “FCL/TCL” key for two seconds to choose FCL (Free Chlorine) or TCL (Total chlorine).
5. Open the top lid of this meter.

6. Fill the sample solution into the cell, and rinse the cell with sample solution at 3 times.
7. Fill up the sample solution into the cell and replace the lid back.
8. Press And hold “ZERO” button down and when 0.00 blinks on and off, release “ZERO” button and wait for meter to display 0.00
9. Open the top lid again, and put one FCL (DPD-1) or TCL (DPD-4) reagent strip into the sample solution and move the strip in a gentle back and forth motion (approx. 2 strokes/sec) for 20 seconds.
10. After 20 second, remove and discard strip.
11. Replace the lid back, and Press “FCL/TCL” to get the FCL or TCL reading.